

5 2. An electrical connection apparatus for automotive type batteries, as described in claim 1, further comprising at least one bolt element having (i) a cylindrical screw threaded portion adapted for insertion into the side terminal of an automotive battery, the central axis of said cylindrical screw threaded portion defining a first axis, the length of said cylindrical screw threaded portion, as measured along said first axis, being approximately 1/2 inches, and the diameter of said cylindrical screw threaded portion, as measured perpendicular to said first axis, being approximately 1/4 inches, and (ii) an expanded head portion provided with at least one cylindrical perforation, said at least one cylindrical perforation being perpendicular to and intersecting the first axis.

15 3. An electrical connection apparatus for automotive type batteries, as described in claim 2, wherein said expanded head portion is cylindrically shaped, the central axis of said cylindrical shape defining a second axis, and said second axis is coaxial with the first axis.

20 4. An electrical connection apparatus for automotive type batteries, as described in claim 2, wherein said expanded head portion is flat, said flat expanded head portion lying in and defining a first plane, and the first axis lies in said first plane.

25 5. An electrical connection apparatus for automotive type batteries, as described in claim 3, wherein the length of said expanded head portion, as measured along said second axis, is to

threaded portion
adjacent to
Base disk
discular to
said first axis

approximately 3/4 inches, and the width of said expanded head portion, as measured perpendicular to said second axis, is approximately 3/4 inches.

12/6. An electrical connection apparatus for automotive type
5 batteries, as described in claim 2, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the other said tab having a screw threaded perforation adapted to
10 receive the screw threaded portion such that the screw threaded portion can first be inserted through the blank perforation, then threaded through the screw threaded perforations, and so serve to draw said tabs together, tightening said C shaped clamp.

9/8. An electrical connection apparatus for automotive type
15 batteries, as described in claim 3, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the other said tab having a screw threaded perforation adapted to
20 receive the screw threaded portion such that the screw threaded portion can first be inserted through the blank perforation, then threaded through the screw threaded perforation, and so serve to draw said tabs together, tightening said C shaped clamp.

11/8. An electrical connection apparatus for automotive type
25 batteries, as described in claim 5, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which

shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the other said tab having a screw threaded perforation adapted to receive the screw threaded portion such that the screw threaded portion can first be inserted through the blank perforation, then threaded through the screw threaded perforation, and so serve to draw said tabs together, tightening said C shaped clamp.

5 SUB 9. An electrical connection apparatus for automotive type
batteries, comprising a bolt element having (i) a cylindrical screw
10 threaded portion adapted for insertion into the side terminal of an
automotive battery, the central axis of said cylindrical screw
threaded portion defining a first axis, the length of said
cylindrical screw threaded portion, as measured along said first
axis, being approximately 1/2 inches, and the diameter of said
15 cylindrical screw threaded portion, as measured perpendicular to
said first axis, being approximately 1/4 inches, and (ii) an
expanded head portion provided with at least one cylindrical
perforation, said at least one cylindrical perforation being
perpendicular to and intersecting the first axis.

20 24-10. An electrical connection apparatus for automotive type
batteries, as described in claim 9, wherein said expanded head
portion is cylindrically shaped, the central axis of said
cylindrical shape defining a second axis, and said second axis is
coaxial with the first axis.

25 50 11. An electrical connection apparatus for automotive type
per 12 batteries as described in claim 9, wherein said expanded head

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portion is flat, said flat expanded head portion lying in and defining a first plane, and the first axis lies in said first plane.

12. An electrical connection apparatus for automotive type
5 batteries, as described in claim 10, wherein the length of said expanded head portion, as measured along said second axis, is approximately 3/4 inches, and the width of said expanded head portion, as measured perpendicular to said second axis, is approximately 3/4 inches.

10 13. An electrical connection apparatus for automotive type
batteries, as described in claim 9, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the
15 other said tab having a screw threaded perforation adapted to receive the screw threaded portion such that the screw threaded portion can first be inserted through the blank perforation, then threaded through the screw threaded perforation, and so serve to draw said tabs together, tightening said C shaped clamp.

20 25 14. An electrical connection apparatus for automotive type
batteries, as described in claim 10, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the
25 other said tab having a screw threaded perforation adapted to receive the screw threaded portion such that the screw threaded

portion can first be inserted through the blank perforation, then threaded through the screw threaded perforation, and so serve to draw said tabs together, tightening said C shaped clamp.

21 15. An electrical connection apparatus for automotive type
5 batteries, as described in claim 12, wherein at least one of the terminal connection means is comprised of a C shaped clamp, which shape defines two ends, each of said two ends having tabs extending therefrom, one of said tabs having a blank perforation and the other said tab having a screw threaded perforation adapted to
10 receive the screw threaded portion such that the screw threaded portion can first be inserted through the blank perforation, then threaded through the screw threaded perforation, and so serve to draw said tabs together, tightening said C shaped clamp.

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15 16. An electrical connection apparatus for automotive type batteries, comprising a bolt element having (i) a cylindrical screw threaded portion adapted for insertion into the side terminal of an automotive battery, the central axis of said cylindrical screw threaded portion adapted for insertion into the side terminal of an automotive battery, the central axis of said cylindrical screw threaded portion defining a first axis, the length of said cylindrical screw threaded portion, as measured along said first axis, being approximately 1/2 inches, and the diameter of said cylindrical screw threaded portion, as measured perpendicular to said first axis, being approximately 1/4 inches, and (ii) a
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25 ^{Ins-B} generally cylindrically shaped head portion, the central axis of said, generally cylindrical shape defining a second axis, said

5 16. Apparatus as described in claim 12
Wherein the bolt element comprising
a generally cylindrical shaped
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second axis being coaxial with the first axis, with a length, as measured along said second axis of approximately $3/4$ inches, and a width, as measured perpendicular to said second axis, of approximately $3/4$ inches.

5 ~~17~~. An electrical connection apparatus for automotive type batteries, as described in claim 16, the generally cylindrical shape of said head portion defining two ends, the first end being that adjacent to said cylindrical screw threaded portion and the second end being that distant therefrom, the width of said head portion at the first end being approximately $11/16$ inches and the width of said head portion at the second end being approximately $5/8$ inches.

10 7 ~~18~~. An electrical connection apparatus for automotive type batteries, as described in claim 16, the generally cylindrical shape of said head portion defining two ends, the first end being that adjacent to said cylindrical screw threaded portion and the second end being that distant therefrom, the width of said head portion at the first end being approximately $3/4$ inches and the width of said head portion at the second end being approximately $11/16$ inches.

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